Silvina C Pellegrinet

List of Publications by Year
in descending order

23 papers	595 citations	759233 12 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	406 citing authors

#	Article	IF	Citations
1	Mechanistic Insights into the BINOL-Derived Phosphoric Acid-Catalyzed Asymmetric Allylboration of Aldehydes. Journal of the American Chemical Society, 2012, 134, 2716-2722.	13.7	155
2	Asymmetric Conjugate Addition of Alkynylboronates to Enones:Â Rationale for the Intriguing Catalysis Exerted by Binaphthols. Journal of the American Chemical Society, 2006, 128, 3116-3117.	13.7	63
3	Theoretical Study of the Asymmetric Conjugate Alkenylation of Enones Catalyzed by Binaphthols. Journal of Organic Chemistry, 2008, 73, 5078-5089.	3.2	54
4	Mechanistic Insights into the Catalytic Asymmetric Allylboration of Ketones: BrÃ¸nsted or Lewis Acid Activation?. Organic Letters, 2009, 11, 37-40.	4.6	41
5	Theoretical Evaluation of the Origin of the Regio- and Stereoselectivity in the Dielsâˆ’Alder Reactions of Dialkylvinylboranes:â€‰ Studies on the Reactions of Vinylborane, Dimethylvinylborane, and Vinyl-9-BBN with trans-Piperylene and Isoprene. Journal of the American Chemical Society, 2001, 123, 8832-8837.	13.7	35
6	A facile microwave-assisted Dielsâ€“Alder reaction of vinylboronates. Organic and Biomolecular Chemistry, 2010, 8, 5069.	2.8	30
7	A DFT Study on the Regioselectivity of the Reaction of Dichloropropynylborane with Isoprene. Journal of Organic Chemistry, 2003, 68, 4059-4066.	3.2	26
8	A Hydrogen Bond Rationale for the Enantioselective Î²-Alkenylboration of Enones Catalyzed by <i>O</i>-Monoacyltartaric Acids. Journal of Organic Chemistry, 2014, 79, 6754-6758.	3.2	25
9	A Theoretical Study of the Reaction of Alkynylboranes with Butadiene:â€‰ Competition between Cycloaddition and Alkynylboration. Journal of Organic Chemistry, 2002, 67, 8203-8209.	3.2	22
10	Diels-Alder reactions of vinylboranes: A computational study on the boron substituent effects. Arkivoc, 2003, 2003, 556-565.	0.5	21
11	Dielsâ€“Alder reactions of pinacol alkenylboronates: an experimental and theoretical study. RSC Advances, 2014, 4, 36385-36400.	3.6	17
12	Asymmetric Organocatalytic Câ€C Bond Forming Reactions with Organoboron Compounds: A Mechanistic Survey. European Journal of Organic Chemistry, 2019, 2019, 2956-2970.	2.4	17
13	Remarkable Reactivity of Boron-Substituted Furans in the Dielsâ€“Alder Reactions with Maleic Anhydride. Organic Letters, 2019, 21, 5068-5072.	4.6	14
14	[4 + 3] and [4 + 2] mechanisms of the Dielsâ€“Alder reactions of vinylboranes: an analysis of the electron charge density distribution. Organic and Biomolecular Chemistry, 2013, 11, 7953.	2.8	12
15	Theoretical investigation of the Dielsâ€“Alder reactions of unsaturated boronates. Organic and Biomolecular Chemistry, 2013, 11, 3733.	2.8	11
16	An experimental/theoretical approach to determine the optical purity and the absolute configuration of endo- and exo-norborn-5-en-2-ol using mandelate derivatives. Tetrahedron Letters, 2009, 50, 6121-6125.	1.4	10
17	A promising enantioselective Dielsâ€“Alder dienophile by computer-assisted rational design: 2,5-diphenyl-1-vinyl-borolane. Journal of Computer-Aided Molecular Design, 2004, 18, 209-214.	2.9	9
18	Alkylhalovinylboranes: a new class of Dielsâ€“Alder dienophiles. RSC Advances, 2018, 8, 33864-33871.	3.6	9

#	Article	IF	Citations
19	Competing mechanisms for the reaction of dichloropropynylborane with 2-tert-butylbutadiene. Dielsâ€“Alder reaction versus alkynylboration. RSC Advances, 2015, 5, 70147-70155.	3.6	7
20	Reactivity and Selectivity of Boron-Substituted Alkenes in the Dielsâ€“Alder Reaction with Cyclopentadiene. A Study of the Electron Charge Density and Its Laplacian. Journal of Physical Chemistry A, 2014, 118, 5559-5570.	2.5	6
21	Allenylboronic Acid Pinacol Ester: A Selective Partner for [4 + 2] Cycloadditions. Organic Letters, 2021, 23, 5081-5085.	4.6	4
22	Evaluation of the use of mandelate derivatives to determine the enantiomeric purity and the absolute configuration of secondary cyclohexenols. Arkivoc, 2011, 2011, 343-357.	0.5	4
23	Theoretical Study of the Boronoâ€“Mannich Reaction with Pinacol Allenylboronate. Journal of Organic Chemistry, 2020, 85, 7494-7500.	3.2	3